

Table 1. Summary Renewable Electric Power Industry Statistics (2006)

Texas

Primary Renewable Energy Capacity Source Wind
 Primary Renewable Energy Generation Source Wind

<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
Total Net Summer Electricity Capacity	100,754	100.0
Total Net Summer Renewable Capacity	3,607	3.6
Geothermal	-	-
Hydro Conventional	681	0.7
Solar	-	-
Wind	2,738	2.7
Wood/Wood Waste	130	0.1
MSW/Landfill Gas	42	*
Other Biomass	16	*
 <u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	400,583	100.0
Total Renewable Net Generation	8,496	2.1
Geothermal	-	-
Hydro Conventional	662	0.2
Solar	-	-
Wind	6,671	1.7
Wood/Wood Waste	901	0.2
MSW Biogenic/Landfill Gas	219	0.1
Other Biomass	44	*

* = Absolute percentage less than 0.05.
 - = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2002 - 2006 (Megawatts)

Texas

Energy Source	2002	2003	2004	2005	2006
Fossil	87,728	92,591	94,007	93,373	92,088
Coal	20,196	20,053	20,201	20,188	19,843
Petroleum	784	790	231	222	220
Natural Gas	66,453	71,459	73,216	72,726	71,737
Other Gases	295	289	359	237	287
Nuclear	4,737	4,768	4,860	4,860	4,860
Renewables	1,905	2,133	2,101	2,614	3,607
Pumped Storage	-	-	-	-	-
Other	118	102	136	199	200
Total	94,488	99,594	101,104	101,046	100,754

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State Renewable Electric Power Industry Net Summer Capacity, by Energy Source, 2002 - 2006 (Megawatts)

Texas

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	697	699	668	673	681
Solar	6	-	-	-	-
Wind	1,085	1,286	1,286	1,755	2,738
Wood/Wood Waste	100	100	100	130	130
MSW/Landfill Gas	9	40	40	41	42
Other Biomass	9	9	8	16	16
Total	1,905	2,133	2,101	2,614	3,607

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 4. State Total Electric Power Industry Net Generation, by Energy Source, 2002 - 2006
 (Thousand Megawatthours)**

Texas

Energy Source	2002	2003	2004	2005	2006
Fossil	342,955	340,416	343,253	350,926	349,579
Coal	141,847	146,990	148,885	148,358	146,391
Petroleum	1,621	2,515	1,741	1,613	1,766
Natural Gas	196,433	184,911	186,803	195,771	196,461
Other Gases	3,053	5,999	5,824	5,184	4,961
Nuclear	35,618	33,437	40,435	38,232	41,264
Renewables	5,099	4,862	5,665	6,667	8,496
Pumped Storage	-	-	-	-	-
Other	1,957	484	946	843	1,244
Total	385,629	379,200	390,299	396,669	400,583

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."

**Table 5. State Renewable Electric Power Industry Net Generation, by Energy Source, 2002 - 2006
 (Thousand Megawatthours)**

Texas

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	1,123	897	1,301	1,333	662
Solar	-	-	-	-	-
Wind	2,656	2,570	3,138	4,237	6,671
Wood/Wood Waste	1,073	1,036	907	844	901
MSW Biogenic/Landfill Gas	53	199	221	207	219
Other Biomass	192	161	100	47	44
Total	5,099	4,862	5,665	6,667	8,496

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."